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(FILE 'HOME' ENTERED AT 15:32:57 ON 27 FEB 2002)

FILE 'MEDLINE, CAPLUS, BIOSIS, SCISEARCH' ENTERED AT 15:34:28 ON 27 FEB 2002

L1 82701 S ADENOVIRAL OR ADENOVIRUS  
L2 88 S E4ORF4  
L3 88 S L1 AND L2  
L4 66 S L3 AND APOPTOSIS  
L5 23 DUP REM L4 L (43 DUPLICATES REMOVED)

=> d au ti so 1-23 15

L5 ANSWER 1 OF 23 MEDLINE DUPLICATE 1  
AU Gingras Marie-Claude; Champagne Claudia; Roy Melanie; Lavoie Josee N  
TI Cytoplasmic death signal triggered by SRC-mediated phosphorylation of the  
**adenovirus E4orf4** protein.  
SO MOLECULAR AND CELLULAR BIOLOGY, (2002 Jan) 22 (1) 41-56.  
Journal code: 8109087. ISSN: 0270-7306.

L5 ANSWER 2 OF 23 CAPLUS COPYRIGHT 2002 ACS  
IN Branton, Philip E.; Marcellus, Richard C.; Shore, Gordon C.; Roopchand,  
Diana E.; Lee, Joseph M.; Shahinian, S. Serge; Bussey, A. Howard  
TI **E4orf4** and PP2A polypeptides, modulators, and mimetics for  
selectively inducing cell death  
SO PCT Int. Appl., 81 pp.  
CODEN: PIXXD2

L5 ANSWER 3 OF 23 SCISEARCH COPYRIGHT 2002 ISI (R)  
AU Gjoerup O; Zaveri D; Roberts T M (Reprint)  
TI Induction of p53-independent **apoptosis** by simian virus 40 small  
t antigen  
SO JOURNAL OF VIROLOGY, (OCT 2001) Vol. 75, No. 19, pp. 9142-9155.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904  
USA.  
ISSN: 0022-538X.

L5 ANSWER 4 OF 23 MEDLINE DUPLICATE 2  
AU Branton P E; Roopchand D E  
TI The role of **adenovirus E4orf4** protein in viral  
replication and cell killing.  
SO ONCOGENE, (2001 Nov 26) 20 (54) 7855-65. Ref: 99  
Journal code: 8711562. ISSN: 0950-9232.

L5 ANSWER 5 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Afifi, Rana; Sharf, Rakefet; Shtrichman, Ronit; Kleinberger, Tamar  
TI Selection of **apoptosis**-deficient **adenovirus**  
**E4orf4** mutants in *Saccharomyces cerevisiae*  
SO J. Virol. (2001), 75(12), 5719  
CODEN: JOVIAM; ISSN: 0022-538X

L5 ANSWER 6 OF 23 SCISEARCH COPYRIGHT 2002 ISI (R)  
AU Afifi R (Reprint); Sharf R; Shtrichman R; Kleinberger T  
TI Selection of **apoptosis**-deficient **adenovirus**  
**e4orf4** mutants in *Saccharomyces cerevisiae* (vol 75, pg 4444, 2001)  
SO JOURNAL OF VIROLOGY, (JUN 2001) Vol. 75, No. 12, pp. 5719-5719.  
Publisher: AMER SOC MICROBIOLOGY, 1752 N ST NW, WASHINGTON, DC 20036-2904  
USA.

ISSN: 0022-538X.

- L5 ANSWER 7 OF 23 MEDLINE DUPLICATE 3  
AU Roopchand D E; Lee J M; Shahinian S; Paquette D; Bussey H; Branton P E  
TI Toxicity of human **adenovirus E4orf4** protein in  
Saccharomyces cerevisiae results from interactions with the Cdc55  
regulatory B subunit of PP2A.  
SO ONCOGENE, (2001 Aug 30) 20 (38) 5279-90.  
Journal code: ONC; 8711562. ISSN: 0950-9232.
- L5 ANSWER 8 OF 23 MEDLINE DUPLICATE 4  
AU Afifi R; Sharf R; Shtrichman R; Kleinberger T  
TI Selection of **apoptosis**-deficient **adenovirus E4orf4** mutants in Saccharomyces cerevisiae.  
SO JOURNAL OF VIROLOGY, (2001 May) 75 (9) 4444-7.  
Journal code: KCV; 0113724. ISSN: 0022-538X.
- L5 ANSWER 9 OF 23 SCISEARCH COPYRIGHT 2002 ISI (R)  
AU Nilsson C E; Petersen-Mahrt S; Durot C; Shtrichman R; Krainer A R;  
Kleinberger T; Akusjarvi G (Reprint)  
TI The **adenovirus E4-ORF4** splicing enhancer protein interacts with  
a subset of phosphorylated SR proteins  
SO EMBO JOURNAL, (15 FEB 2001) Vol. 20, No. 4, pp. 864-871.  
Publisher: OXFORD UNIV PRESS, GREAT CLARENDON ST, OXFORD OX2 6DP,  
ENGLAND.  
ISSN: 0261-4189.
- L5 ANSWER 10 OF 23 MEDLINE DUPLICATE 5  
AU Livne A; Shtrichman R; Kleinberger T  
TI Caspase activation by **adenovirus e4orf4** protein is  
cell line specific and is mediated by the death receptor pathway.  
SO JOURNAL OF VIROLOGY, (2001 Jan) 75 (2) 789-98.  
Journal code: KCV. ISSN: 0022-538X.
- L5 ANSWER 11 OF 23 MEDLINE DUPLICATE 6  
AU Kornitzer D; Sharf R; Kleinberger T  
TI **Adenovirus E4orf4** protein induces PP2A-dependent  
growth arrest in Saccharomyces cerevisiae and interacts with the  
anaphase-promoting complex/cyclosome.  
SO JOURNAL OF CELL BIOLOGY, (2001 Jul 23) 154 (2) 331-44.  
Journal code: HMV; 0375356. ISSN: 0021-9525.
- L5 ANSWER 12 OF 23 MEDLINE DUPLICATE 7  
AU Marcellus R C; Chan H; Paquette D; Thirlwell S; Boivin D; Branton P E  
TI Induction of p53-independent **apoptosis** by the **adenovirus E4orf4** protein requires binding to the Balph subunit of protein  
phosphatase 2A.  
SO JOURNAL OF VIROLOGY, (2000 Sep) 74 (17) 7869-77.  
Journal code: KCV; 0113724. ISSN: 0022-538X.
- L5 ANSWER 13 OF 23 MEDLINE DUPLICATE 8  
AU Shtrichman R; Sharf R; Kleinberger T  
TI **Adenovirus E4orf4** protein interacts with both Balph  
and B' subunits of protein phosphatase 2A, but **E4orf4**-induced  
**apoptosis** is mediated only by the interaction with Balph.  
SO ONCOGENE, (2000 Aug 3) 19 (33) 3757-65.  
Journal code: ONC; 8711562. ISSN: 0950-9232.
- L5 ANSWER 14 OF 23 MEDLINE DUPLICATE 9  
AU Lavoie J N; Champagne C; Gingras M C; Robert A

- TI **Adenovirus** E4 open reading frame 4-induced **apoptosis**  
involves dysregulation of Src family kinases.  
SO JOURNAL OF CELL BIOLOGY, (2000 Sep 4) 150 (5) 1037-56.  
Journal code: HMV; 0375356. ISSN: 0021-9525.
- L5 ANSWER 15 OF 23 MEDLINE DUPLICATE 10  
AU Kleinberger T  
TI Induction of **apoptosis** by **adenovirus E4orf4**  
protein.  
SO APOPTOSIS, (2000 Jun) 5 (3) 211-5. Ref: 37  
Journal code: DWY; 9712129. ISSN: 1360-8185.
- L5 ANSWER 16 OF 23 CAPLUS COPYRIGHT 2002 ACS  
AU Szala, Stanislaw  
TI Specific induction of **apoptosis** in cancer cells  
SO Nowotwory (2000), 50(2), 111-121  
CODEN: NOWOAL; ISSN: 0029-540X
- L5 ANSWER 17 OF 23 MEDLINE DUPLICATE 11  
AU Shtrichman R; Sharf R; Barr H; Dobner T; Kleinberger T  
TI Induction of **apoptosis** by **adenovirus E4orf4**  
protein is specific to transformed cells and requires an interaction with  
protein phosphatase 2A.  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, (1999 Aug 31) 96 (18) 10080-5.  
Journal code: PV3; 7505876. ISSN: 0027-8424.
- L5 ANSWER 18 OF 23 CAPLUS COPYRIGHT 2002 ACS  
IN Branton, Philip E.; Shore, Gordon C.; Teodoro, Jose G.; Marcellus,  
Richard  
C.; Lavoie, Josee N.  
TI Use of **adenovirus** E4 death proteins to induce p53-independent  
**apoptosis**  
SO PCT Int. Appl., 88 pp.  
CODEN: PIXXD2
- L5 ANSWER 19 OF 23 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
AU Hardwick, J. Marie (1); Ketner, Gary (1); Clem, Rollie J.  
TI Viral genes that modulate **apoptosis**.  
SO Wilson, J. W. [Editor]; Booth, C. [Editor]; Potten, C. S. [Editor].  
(1998)  
pp. 243-279. Apoptosis genes.  
Publisher: Kluwer Academic Publishers 101 Phillip Drive, Norwell,  
Massachusetts 02061, USA.  
ISBN: 0-412-83860-5.
- L5 ANSWER 20 OF 23 MEDLINE DUPLICATE 12  
AU Marcellus R C; Lavoie J N; Boivin D; Shore G C; Ketner G; Branton P E  
TI The early region 4 orf4 protein of human **adenovirus** type 5  
induces p53-independent cell death by **apoptosis**.  
SO JOURNAL OF VIROLOGY, (1998 Sep) 72 (9) 7144-53.  
Journal code: KCV; 0113724. ISSN: 0022-538X.
- L5 ANSWER 21 OF 23 MEDLINE DUPLICATE 13  
AU Shtrichman R; Kleinberger T  
TI **Adenovirus** type 5 E4 open reading frame 4 protein induces  
**apoptosis** in transformed cells.  
SO JOURNAL OF VIROLOGY, (1998 Apr) 72 (4) 2975-82.  
Journal code: KCV; 0113724. ISSN: 0022-538X.

L5 ANSWER 22 OF 23 MEDLINE DUPLICATE 14  
AU Lavoie J N; Nguyen M; Marcellus R C; Branton P E; Shore G C  
TI **E4orf4**, a novel **adenovirus** death factor that induces  
p53-independent **apoptosis** by a pathway that is not inhibited by  
zVAD-fmk.  
SO JOURNAL OF CELL BIOLOGY, (1998 Feb 9) 140 (3) 637-45.  
Journal code: HMV; 0375356. ISSN: 0021-9525.

L5 ANSWER 23 OF 23 MEDLINE DUPLICATE 15  
AU Whalen S G; Marcellus R C; Whalen A; Ahn N G; Ricciardi R P; Branton P E  
TI Phosphorylation within the transactivation domain of **adenovirus**  
E1A protein by mitogen-activated protein kinase regulates expression of  
early region 4.  
SO JOURNAL OF VIROLOGY, (1997 May) 71 (5) 3545-53.  
Journal code: KCV; 0113724. ISSN: 0022-538X.

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